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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/075.728
Sheet	1	Filing Date	2/12/2002
	of	First Named Inventor	Patrick J. TOOMEY
	3	Group Art Unit	2878
		Examiner Name	A. Gagliardi
		Attorney Docket Number	9925-36938

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	Radiative Properties of the Earth's Surface, "Emissivity of Water", date of Internet capture 06/23/1999, http://kazan.zeam-fu-berlin.de/euromet/courses/english/satmet/s2600/s26000004.htm	
GA	2	Nick SHORT and Jon ROBINSON; Remote Sensing and Photo Interpretation Tutorial; November 118, 1996; Internet capture from http://www.metacator.upe.es	
GA	3	Robert NEMIFOFF (MTU) and Jerry BONNELL (USRA); Astronomy Picture of the Day; "The Water Vapor Channel"; Internet http://www.antwrp.gsfc.nasa.gov/apod/ap990904.html ; date of capture May 9, 1998.	
	4	Dietrich ALTHAUSEN et. al.; "LIDAR", reprinted from Internet website http://www.tropes.de	
GA	5	"Asmospheric Transmission; Centre National de la Recherche Scientifique, France; reprinted on 05/16/1999	
	6	F.P. HELMICH et. al.; "Detection of Hot, Abundant Water Toward AFGL 2591; Astronomy and Astrophysics page US ISO Science Support Center, reprinted from website 05/16/2002; http://iso.wilspa.esa.es/ISO/aandA/410003.html	
GA	7	N.P. BARNES; "NASA Langley Demonstrates Compositional Tuning of Lasers" retrieved from Internet on January 15, 1999 at http://www.nasa.gov	
	8	B. SIERK et. al.; Institute of Spectrochemistry and Applied Spectroscopy; ISAS Department Berlin; "Atmospheric Water Vapor Determination for Geophysical GPS Measurements" reprinted from website on 05/16/2001 at http://www.berlin-icas-dortmund.de/berlin_main.htm	
	9	esa Science; "Infrared Space Observatory (ISO) Spots Water Among the Stars", reprinted from Internet website http://www.estec.esa	
GA	10	David A. NEUFFELD, et. al.; "Detection of Far Infrared Rotation Lines of Water Vapour Toward W. Hydras"; November 1996 Internet capture 05/16/2002; http://www.adsabs.harvard.edu/cgi-bin/nph-bib	
GA	11	A. KRIER, et. al.; "Novel 2.7 Micron LEDs for Water Vapor Detection Based on In _{0.87} Ga _{0.13} As/InAs _{0.70} P _{0.30} Grown by MBE on InP Using Strain Relaxed Buffer"; 1998; http://www.adsabs.harvard.edu/cgi-bin/nph-bib	

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Sheet	2	of	3	Attorney Docket Number	9925-36938

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	12	I.A. GARDECKI and M. MARONCELLI; "A Set of Secondary Emission Standards for Calibration of the Spectral Responsivity in Emission Spectroscopy"; from Secondary Emission Standards; reprinted from website 05/29/1999 at http://www.chem.nyu.edu/gardecki/standards-05.htm	
	13	Specifications: "Scaled CO₂ Laser Tube Specifications"; Laser Solutions and Systems; reprinted on 05/16/2002 from Internet website http://www.laswertubes.com/spec.htm (1-2).	
WJW	14	Medical Lasers; reprinted on 05/20/1999 from Internet website http://koruslaser.com/koruslaser.com/medical.htm	
	15	Lidar System: Light Detection and Ranging; description retrieved from Internet website on 05/19/1999.	
WJW	16	Keith E. MILLER et. al., Northwestern University: "Forrescence Sensors for In Situ; Monitoring of Water Sorption in Bridge Coatings" retrieved from Internet http://www.iti.nwu.edu/nubs/tr7.html . 05/16/1999	
WJW	17	Stacy MACDONALD and Pamela KEATING; "The Use of Shift Reagents in Near-Infrared Spectrometry"; retrieved from Internet http://rustico.chem.indiana.edu/hieftje/SAMPRK.htm on 05/19/1999	
WJW	18	"Thermal Emissivity Spectra of Carbonates" retrieved from Internet website http://emma.la.asu.edu/~lane/carb.htm on 05/19/1999	
WJW	19	"Thermal Emissivity Spectra of Sulfitess, Phosphate, and Chlorides" retrieved from Internet website http://emma.la.asu.edu/~lane/sulphoschl.htm on 05/19/1999	
	20	Near Infra-Red Reflectance Moisture Analyzer Technology"; Measuring Principle; Analytical Instruments NIR Moisture Tech Info; retrieved on 05/19/1999 Internet website http://www.analytical.com/aicnreds/moisture/nirtech.htm	
WJW	21	ASD: Field Spectrariometry for Satellite Remote Sensing; Analytical Spectral Devices, Inc. "Field Spectrometry: Techniques and Instrumentation" retrieved on 05/19/1999 from Internet website http://www.asdi.com/apps/remote_sensing.html (pages 1-12)	
WJW	22	ASD; Spectra of Water Phases; Analytical Spectral Devices, Inc.; "Spectroscopy of Solid, Liquid and Vapor Water Phases" retrieved on 05/19/1999 from Internet website http://www.asdi.com/apps/water_phases.html (pages 1-6)	

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CGP	23	Benchtop Hyperspectral Turnkey Systems; "Turnkey Benchtop Hyperspectral Systems for Field or Laboratory Use" retrieved from Internet on 05/14/1999	
CGM	24	Zeltex, Inc.; KJE-100; Specification retrieved from Internet on 05/14/1999 http://zeltex.com	
CGM	25	AeroTech Monitor; "Mycotoxins"; Aerotechlabs, retrieved on 05/11/1999 from Internet http://www.aerotechlabs.com	
	26	"Application of gamma-ray spectrometry & electrical resistivity imaging technique to detect subsurface karst structure in Pokhara Valley, Hokkaido University; retrieved on 05/11/1999 from Internet http://www.hokkaido.ac.jp/index-ee.html	
CGM	27	pulsIR - Pulsed Infrared Radiator; Icon Optics, Inc.; Boston Electronics Corporation; specifications retrieved on 05/14/1999 from Internet; www.boselec.com ; (pp. 1-4)	
CGM	28	Boston Electronics Corporation; Free Product Literature and Free Literature Available; Linecard retrieved 07/24/1998 from Internet; boselec@worldstd.com /c/catalog.shtml (pp. 1-2)	
CGM	29	Engineering Related News; ENR; "Containing Noxious Mold" Cover Story Indoor Air Quality; May 3, 1999 (pp. 1-6)	
	30	Wayne TOBIASSON and John RICARD, The Roofing Industry Educational Institute; "Moisture Gain and its Thermal Consequences for Common Roof Installations" U.S. Army Cold Regions Research and Engineering Laboratory paper 2 (pp. 1-15)	

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